Considerations on the fine scale topography in sand flats, habitat heterogeneity and refuges for clams

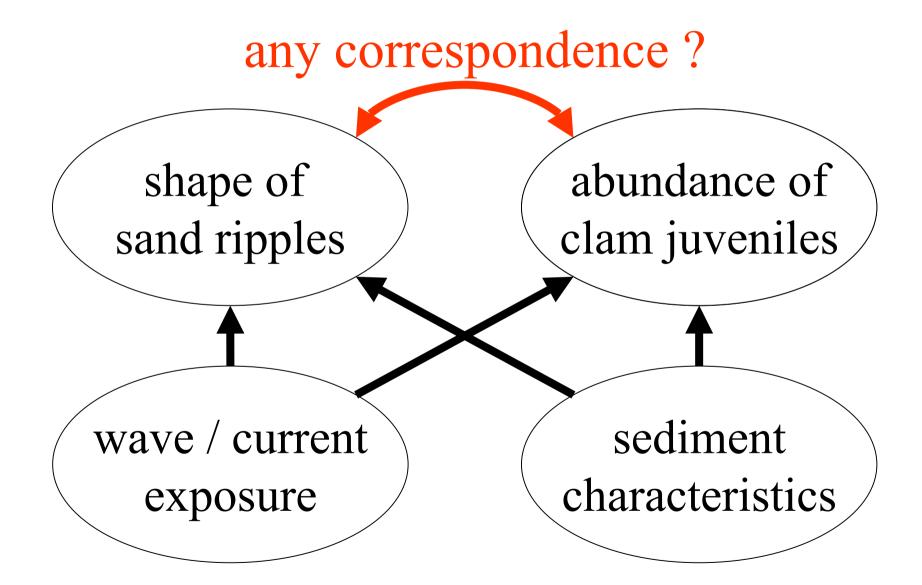


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Objective



Method for taking stereo-pictures and 3D analysis of the sand surface



Six sediment samples from crests and troughs sieved through 1 mm mesh screen

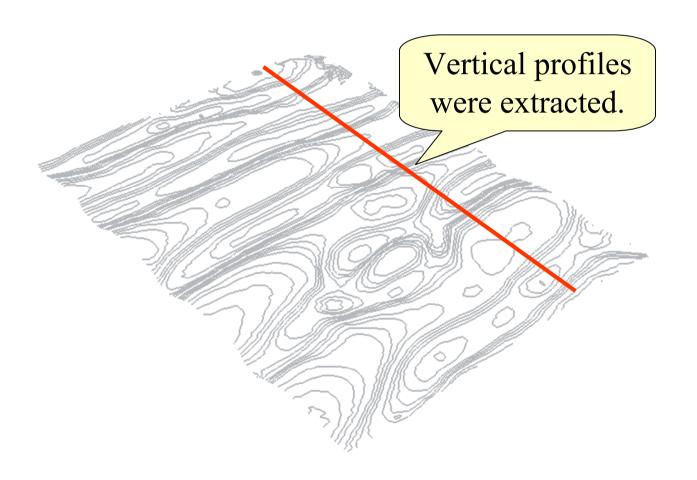
Vertical distance was computed from the parallax using PI-3000 (Topcon Co. parallax parallax right-eye left-eye camera camera

An example of 3D picture of sand ripples

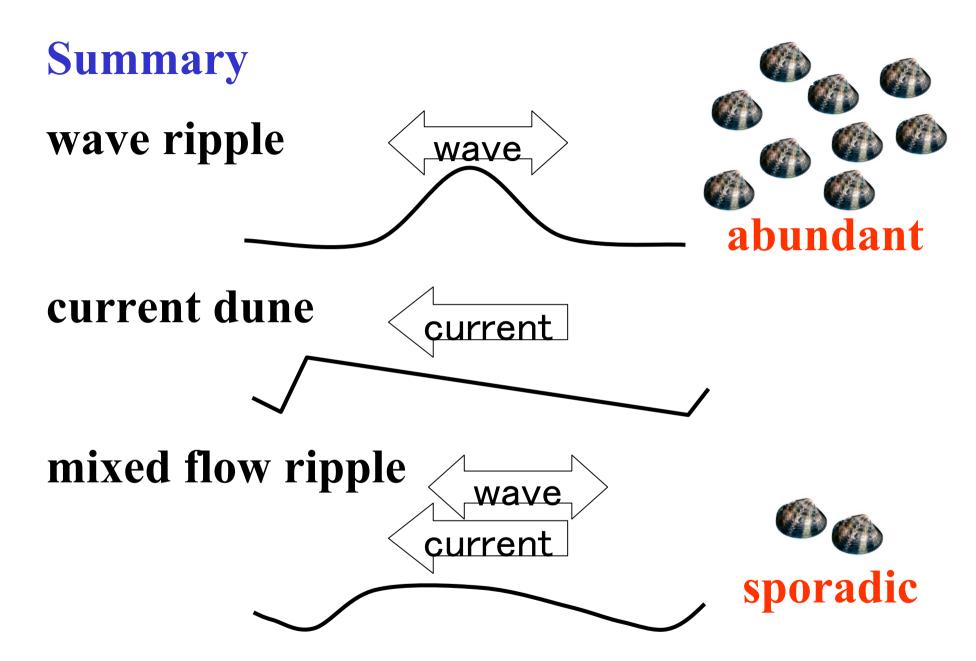


Ripples on the crest of the middle sandbar

An example of contour plot of sand ripples



Ripples on the crest of the middle sandbar



illustrated after tentative definitions in Kleinhans (1995)